

WHAT IS CLAIMED IS:

Sub A1  
Cont 1. A method for recording still picture group management information (VOBGI) for managing one or more still pictures (VOB) as a still picture group (VOBG) onto a storage medium, said method comprising a step of:

recording still picture management information (VOBI) in said still picture group management information (VOBGI) in the same order of recording corresponding still pictures (VOB), wherein said still picture management information (VOBI) is classified into types of still picture management information including

a first type of still picture management information (V\_I) on a still picture with no audio to be reproduced in synchronism with the reproduction of the still picture,

a second type of still picture management information (V\_OA\_I) on a still picture with only the original audio recorded substantially at the same time the still picture was recorded,

a third type of still picture management information (V\_AA\_I) on a still picture with only a post-recorded audio added to the still picture already recorded, and

a fourth type of still picture management information (V\_OA\_AA\_I) on a still picture with both of the original audio and a post-recorded audio added to the still picture already recorded, and

wherein said still picture management information (VOBI) has a data size designated by said type.

Year	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	

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4. A method according to claim 1, wherein said third type of still picture management information (V\_AA\_I) includes identification information (V\_AA\_I\_ID) for identifying said third type of still picture management information (V\_AA\_I), size information (V\_Size) of image data (V\_Part) of the still pictures corresponding to said third type of still picture management information (V\_AA\_I), and pointer information (AA\_I\_PTR) for providing a link to a post-recorded audio data (AA\_Part) of the still pictures (VOB) corresponding to said third type of still picture management information (V\_AA\_I).

5. A method according to claim 1, wherein said fourth type of still picture management information (V\_OA\_AA\_I) includes identification information (V\_OA\_AA\_I\_ID) for identifying said fourth type of still picture management information (V\_OA\_AA\_I), size information (V\_Size) of image data (V\_Part) of the still pictures corresponding to said fourth type of still picture management information (V\_OA\_AA\_I), size information (OA\_Size) of original audio data (OA\_Part) of the still pictures corresponding to said fourth type of still picture management information (V\_OA\_AA\_I), an original audio playback time (OA\_PTM) and pointer information (AA\_I\_PTR) for providing a link to a post-recorded audio data (AA\_Part) of the still pictures (VOB) corresponding to said fourth type of still picture management information (V\_OA\_AA\_I).

6. A method for recording one or more still pictures (VOB) and still picture group management information (VOBGI) for managing said one or more still pictures (VOB) as a still picture group (VOBG) onto a storage medium, said method comprising the steps of:

when the still picture (VOB) is recorded, if there is no original audio recorded substantially at the same time said still picture was recorded, selecting first still picture management information (V\_I) on said still picture with no audio to be reproduced in synchronism with the reproduction of the still picture;

when the still picture (VOB) is recorded, if there is an original audio recorded substantially at the same time said still picture was recorded, selecting second still picture management information (V\_OA\_I) on said still picture with only the original audio recorded substantially at the same time the still picture was recorded;

recording said first or second still picture management information in said still picture group management information (VOBGI) in the same order of recording corresponding still pictures;

when a post-recorded audio to be reproduced in synchronism with the reproduction of the still picture is recorded to the still picture already recorded in the storage medium, if said still picture already recorded has no original audio, replacing said first still picture management information (V\_I) by third still picture management information (V\_AA\_I) on a still picture with only the post-recorded audio added to the still picture already recorded; and

if said still picture already recorded has the original audio, replacing said second still picture management information (V\_OA\_I) by fourth still picture management information (V\_OA\_AA\_I) on a still picture with both of the original audio and a post-recorded audio added to the still picture already recorded.